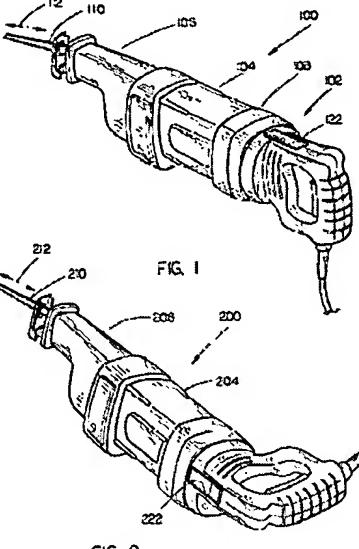
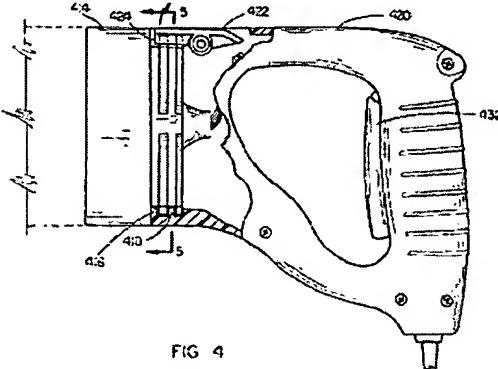


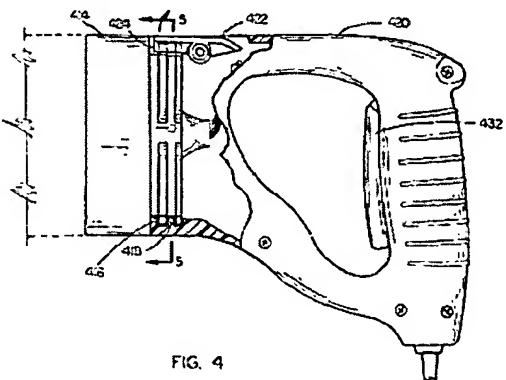
APPENDIX C
CHART DEMONSTRATING SUPPORT
IN THE ORIGINAL DISCLOSURE FOR THE NEW CLAIMS¹

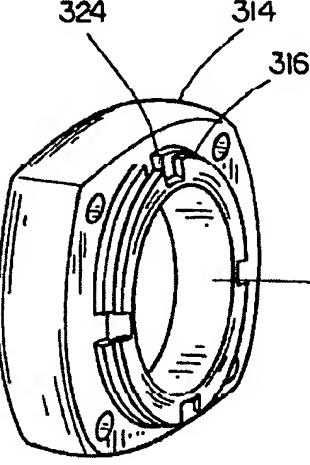
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
37. A power tool comprising: a spindle for supporting a tool element;	“[0021] In the present embodiment, a linkage, for connecting a straight cutting blade 110 thereto, is disposed in the motor housing 104. A linkage may be formed as <i>a shaft extending from a linearly reciprocating assembly for driving a removable straight blade</i> . The linkage may be configured to linearly reciprocate substantially along the primary axis of the motor housing (as indicated by arrow 112). . . .”

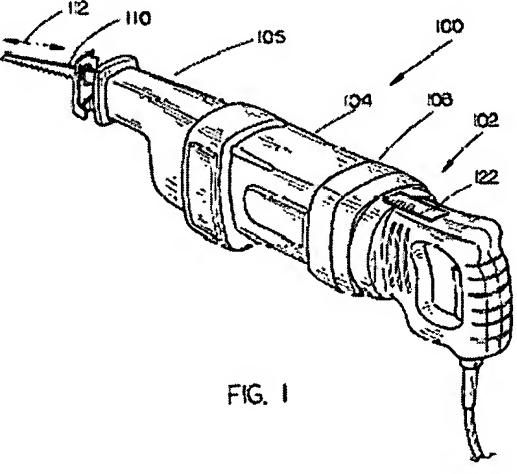
¹ Support for the claim elements is derived from U.S. Application No. 10/644,889 filed August 20, 2003.

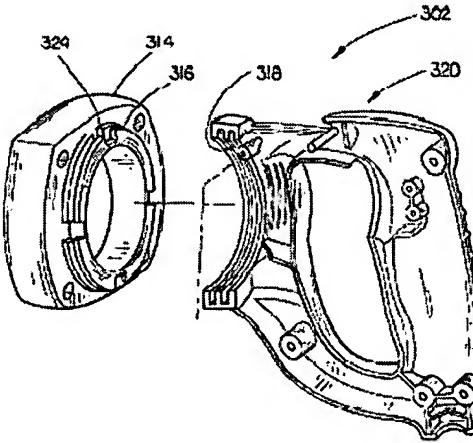
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
a body defining a longitudinal pivot axis	<p>“[0023] ... For instance, a connector 314 may include a pair of generally annular ribs 316 protruding outward from the periphery of the connector to allow <i>rotation of the handle 320 about a main axis of the motor housing/connector. ...</i>”</p>  <p>FIG. 1</p> <p>FIG. 2</p> <p>FIGS. 1 and 2 demonstrate the longitudinal pivot axis.</p>
and housing a motor and a drive mechanism driven by the motor, the drive mechanism selectively driving the spindle,	<p>“[0020] ... In the present aspect, the reciprocating saw 100 includes <i>a motor housing 104 for containing a motor. ...</i>”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>. A linkage may be formed as a shaft extending from <i>a linearly reciprocating assembly for driving a removable straight blade. ...</i>”</p>

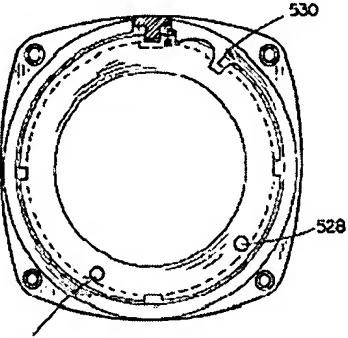
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
the body having a forward end supporting the spindle and a rearward end; and	<p>“[0020] ... The motor housing 104 is formed with a first end 106 and a second end 108. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>. ...”</p>
a grip engageable by a hand of an operator, the grip being connected to the rearward end of the body for pivoting movement relative to the body about the pivot axis,	<p>“[0022] Referring now to FIG. 3, a rotating handle assembly 302 suitable for inclusion in a reciprocating saw is disclosed. In the present embodiment, a rotating handle assembly 302 includes a connector 314 which may be mounted via screws or the like to the second end 108 of a motor housing. ...”</p>
the grip having a first end and a second end and defining a grip axis extending between the first end and the second end, the grip axis being oriented at an angle of between thirty degrees and ninety degrees relative to the pivot axis, wherein the power tool is a reciprocating saw.	 <p>FIG. 4 shows the grip axis oriented at an angle of between thirty degrees and ninety degrees relative to the pivot axis.</p>

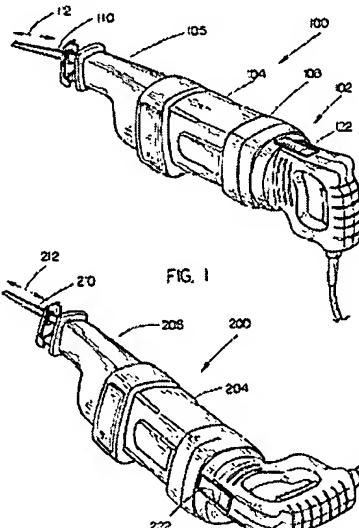
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>38. The power tool of claim 37, wherein the grip axis is oriented at a substantially perpendicular angle relative to the pivot axis.</p>	 <p>FIG. 4</p>
<p>39. The power tool as claimed in claim 37, further comprising a locking assembly for locking the grip in a pivoted position relative to the body.</p>	<p>[0025] Referring to FIGS. 3 through 6, in further embodiments, <i>a securing mechanism is included for locking or fixing the rotational position of the handle</i> in predefined orientations with respect to a coupled motor housing. ...”</p>
<p>40. The power tool as claimed in claim 39, wherein the locking assembly includes a recess defined by one of the body and the grip and a projection defined by an other of the body and the grip, the projection being engageable in the recess to lock the grip in a pivoted position relative to the body.</p>	<p>[0025] ... For instance, <i>a pivoting latch 322 may engage a catch such as a recessed portion 324</i> included in the generally annular ribs 316 or the like. The latch 322 may have a generally T-shaped cross-section configured to engage with the generally perpendicular sidewalls forming the recess 324. ...”</p>

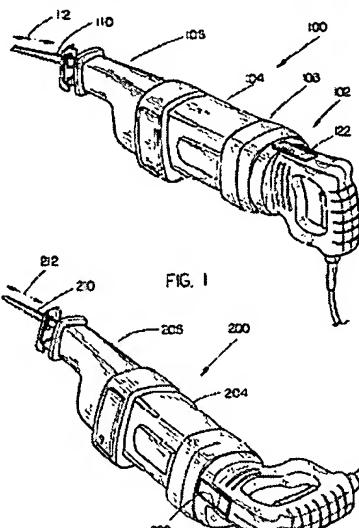
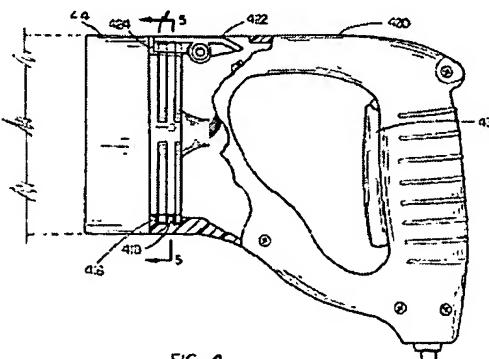
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>41. The power tool as claimed in claim 40, wherein the locking assembly includes a first recess and a second recess defined by the one of the body and the grip, and wherein the projection is selectively engageable in the first recess to lock the grip in a first pivoted position relative to the body and in the second recess to lock the grip in a second pivoted position relative to the body.</p>	<p>“[0026] ... For example, recesses, included in the connector ribs 416 are disposed to allow locking at approximately 0° (zero degrees), 90° (ninety degrees), 180° (one hundred eighty degrees) and effectively 270° (two hundred seventy degrees). ...”</p>  <p>The above excerpt from FIG. 3 shows the multiple recesses 324.</p>
<p>42. The power tool as claimed in claim 37, wherein the grip is a D-shaped handle.</p>	<p>“[0024] Preferably, the handle is substantially <i>D-shaped</i>. ...”</p>
<p>43. The power tool as claimed in claim 37, further comprising a switch assembly operable to electrically connect the motor to a power source, at least a portion of the switch assembly being supported on the grip for pivoting movement about the pivot axis with the grip.</p>	<p>“[0028] Referring to FIG. 4, in accordance with an additional embodiment, a reciprocating saw includes a <i>switch mounted to the handle</i> 420 for controlling the flow of electricity to the tool's electrical system. ...”</p>

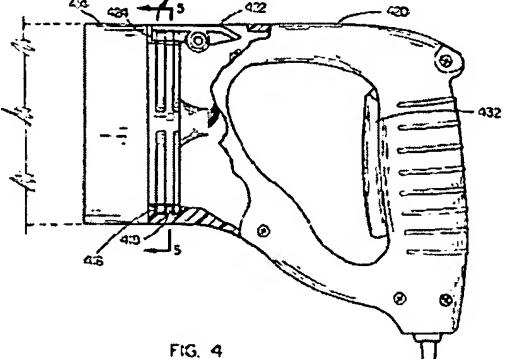
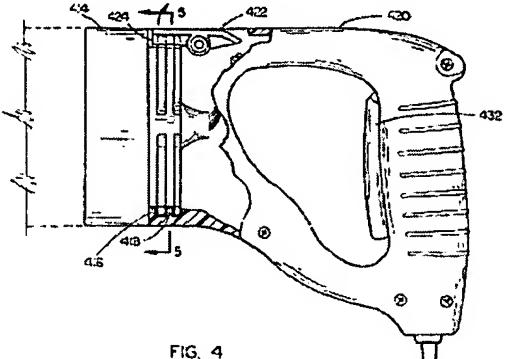
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>44. The power tool as claimed in claim 43, further comprising a wiring arrangement electrically connecting the switch assembly to the motor and accommodating pivoting movement of the switch assembly with the grip about the pivot axis and relative to the motor.</p>	<p>“[0022] ... Preferably, the connector 314 includes an aperture for passing wiring to the handle 320. ...”</p> <p>“[0027] ... For example, a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270° to prevent crimping of the wires passing through the handle/connector interface. ...”</p>
<p>45. The power tool as claimed in claim 37, further comprising a grip portion provided by the body and engageable by an other hand of the operator, the grip portion being substantially parallel to the pivot axis.</p>	<p>“[0020] ... For example, a motor housing may have a generally cylindrical main body portion to allow a user to comfortably <i>grasp the motor housing barrel during operation</i>. ...”</p>  <p>FIG. 1</p> <p>FIG. 1 shows a grip portion provided by the body and engageable by an other hand of the operator, the grip portion being substantially parallel to the pivot axis.</p>

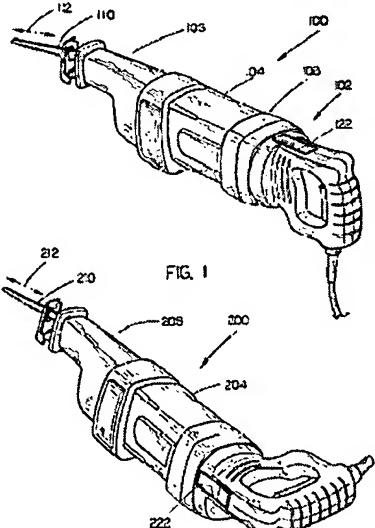
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>46. The power tool as claimed in claim 37, wherein a radial annular projection extends circumferentially around at least a portion of a circumference of one of the rearward end of the body and the grip, wherein another of the rearward end of the body and the grip define a radial annular groove extending circumferentially around at least a portion of a circumference of the other of the rearward end of the body and the grip, the annular projection being engaged with and travelling in the annular groove during pivoting movement of the grip about the pivot axis.</p>	<p>“[0023] ... For instance, a connector 314 may include a pair of generally <i>annular ribs 316</i> protruding outward from the periphery of the connector to allow rotation of the handle 320 about a main axis of the motor housing/connector. In another example, the ribs or protrusions may extend outward (about the outer surface of the motor housing) to permit rotation about a primary axis of the motor housing. ... In an advantageous embodiment, the handle 320 is formed by a pair of shell portions, with inward facing <i>ribs/grooves 318 for coupling with the connector ribs 316</i>, secured together. <i>The handle ribs 318 may therefore surround the outward extending connector ribs 316, permitting the handle to rotate</i> (See generally FIG. 2).”</p>  <p>The excerpt above from FIG. 3 shows the ribs and grooves for the pivotal connection.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
47. The power tool as claimed in claim 37, further comprising a pivot-limiting assembly for limiting pivoting movement of the grip relative to the body from a first pivoted position beyond a second pivoted position.	<p>“[0027] Referring to FIGS. 5 and 6, in further embodiments, at least one stop may be included to prevent full rotation of the handle, preventing damage to any wiring passing through the connector/handle interface. For example, <i>a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270°</i> to prevent crimping of the wires passing through the handle/connector interface. ...”</p>  <p>FIG. 5</p>
48. A reciprocating saw comprising:	<p>a reciprocatable spindle for supporting a saw blade for reciprocating sawing movement;</p> <p>“[0021] In the present embodiment, a linkage, for connecting a straight cutting blade 110 thereto, is disposed in the motor housing 104. A linkage may be formed as <i>a shaft extending from a linearly reciprocating assembly for driving a removable straight blade</i>. The linkage may be configured to linearly reciprocate substantially along the primary axis of the motor housing (as indicated by arrow 112). ...”</p>
a body defining a pivot axis and	<p>“[0023] ... For instance, a connector 314 may include a pair of generally annular ribs 316 protruding outward from the periphery of the connector to allow <i>rotation of the handle 320 about a main axis of the motor housing/connector</i>. ...”</p>

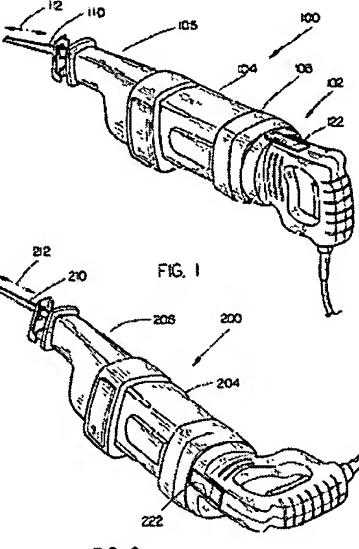
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
housing a motor and a drive mechanism driven by the motor, the drive mechanism selectively driving the spindle,	<p>“[0020] ... In the present aspect, the reciprocating saw 100 includes <i>a motor housing 104 for containing a motor</i>. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>. A linkage may be formed as a shaft extending from <i>a linearly reciprocating assembly for driving a removable straight blade</i>. ...”</p>
the body having a forward end supporting the spindle and a rearward end, the pivot axis extending between the forward and the rearward end; and	<p>“[0020] ... The motor housing 104 is formed with a first end 106 and a second end 108. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>. ...”</p> <p>“[0023] ... For instance, a connector 314 may include a pair of generally annular ribs 316 protruding outward from the periphery of the connector to allow <i>rotation of the handle 320 about a main axis of the motor housing/connector</i>. ...”</p>  <p>FIGS. 1 and 2 demonstrate the pivot axis extending between the forward and the rearward end of the body.</p>

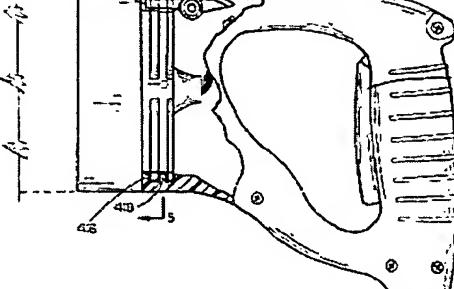
CLAIM ELEMENT	SPECIFICATION SUPPORT
<p>a grip engageable by a hand of an operator, the grip being connected to the rearward end of the body for pivoting movement relative to the body about the pivot axis.</p>	<p>“[0022] Referring now to FIG. 3, a rotating handle assembly 302 suitable for inclusion in a reciprocating saw is disclosed. In the present embodiment, a rotating handle assembly 302 includes a connector 314 which may be mounted via screws or the like to the second end 108 of a motor housing. (As may be seen in FIG. 1.) Alternatively, a second end of a motor housing may be configured with ribs for coupling with a handle directly.”</p>  <p>FIG. 1 FIG. 2</p> <p>FIGS. 1 and 2 show the rotating handle assembly.</p>
<p>49. The reciprocating saw of claim 48, wherein the grip has a first end and a second end and defines a grip axis extending between the first end and the second end, and wherein the grip axis is oriented at a non-parallel angle relative to the pivot axis.</p>	 <p>FIG. 4 shows the grip axis oriented at a non-parallel angle relative to the pivot axis.</p>

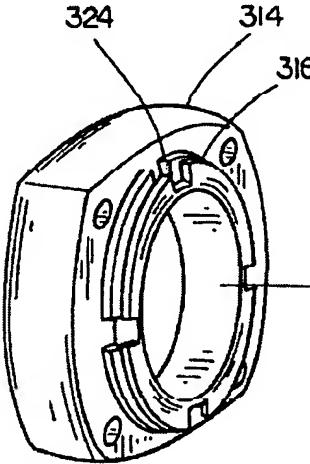
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>50. The reciprocating saw of claim 49, wherein the pivot axis and the grip axis define an angle of between thirty degrees and ninety degrees.</p>	 <p>FIG. 4</p> <p>FIG. 4 shows the pivot axis and the grip axis defining an angle of between thirty degrees and ninety degrees.</p>
<p>51. The reciprocating saw of claim 49, wherein the grip axis is oriented at a substantially perpendicular angle relative to the pivot axis.</p>	 <p>FIG. 4</p> <p>FIG. 4 shows the grip axis oriented at a substantially perpendicular angle relative to the pivot axis.</p>
<p>52. The reciprocating saw as claimed in claim 48, further comprising a locking assembly for locking the grip in a pivoted position relative to the body.</p>	<p>[0025] Referring to FIGS. 3 through 6, in further embodiments, <i>a securing mechanism is included for locking or fixing the rotational position of the handle</i> in predefined orientations with respect to a coupled motor housing. ...”</p>
<p>53. The reciprocating saw as claimed in claim 48, wherein the grip is a D-shaped handle.</p>	<p>[0024] Preferably, the handle is substantially <i>D-shaped</i>. ...”</p>
<p>54. A reciprocating saw comprising:</p>	

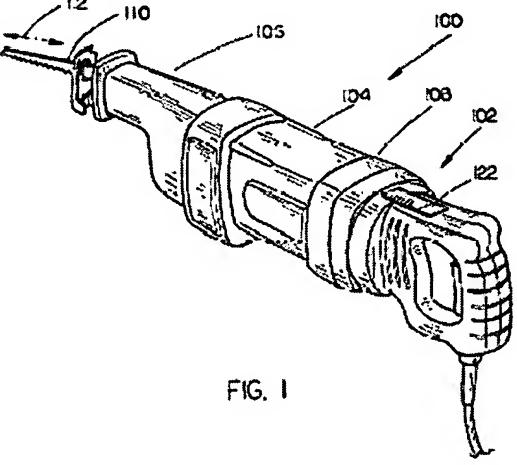
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
a reciprocatable spindle for supporting a saw blade for reciprocating sawing movement;	“[0021] In the present embodiment, a linkage, for connecting a straight cutting blade 110 thereto, is disposed in the motor housing 104. A linkage may be formed as <i>a shaft extending from a linearly reciprocating assembly for driving a removable straight blade</i> . The linkage may be configured to linearly reciprocate substantially along the primary axis of the motor housing (as indicated by arrow 112). ...”
a body defining a longitudinal pivot axis	<p>“[0023] ... For instance, a connector 314 may include a pair of generally annular ribs 316 protruding outward from the periphery of the connector to allow <i>rotation of the handle 320 about a main axis of the motor housing/connector</i>. ...”</p>  <p>FIG. 1</p> <p>FIG. 2</p> <p>FIGS. 1 and 2 demonstrate the longitudinal pivot axis.</p>

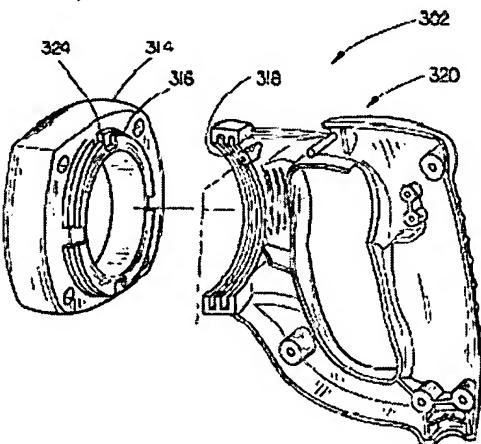
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
and housing a motor and a drive mechanism driven by the motor, the drive mechanism selectively driving the spindle,	<p>“[0020] ... In the present aspect, the reciprocating saw 100 includes <i>a motor housing 104 for containing a motor</i>. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>. A linkage may be formed as a shaft extending from <i>a linearly reciprocating assembly for driving a removable straight blade</i>. ...”</p>
the body having a forward end supporting the spindle and a rearward end; and	<p>“[0020] ... The motor housing 104 is formed with a first end 106 and a second end 108. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>.”</p>
a D-shaped handle engageable by a hand of an operator,	“[0024] Preferably, the handle is substantially <i>D-shaped</i>”

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>the D-shaped handle being connected to the rearward end of the body for pivoting movement relative to the body about the pivot axis.</p>	<p>“[0022] Referring now to FIG. 3, a rotating handle assembly 302 suitable for inclusion in a reciprocating saw is disclosed. In the present embodiment, a rotating handle assembly 302 includes a connector 314 which may be mounted via screws or the like to the second end 108 of a motor housing. (As may be seen in FIG. 1.) Alternatively, a second end of a motor housing may be configured with ribs for coupling with a handle directly. ...”</p>  <p>FIGS. 1 and 2 show the pivoting D-shaped handle.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>55. The reciprocating saw as claimed in claim 54, wherein the handle axis is oriented at a substantially perpendicular angle relative to the pivot axis.</p>	 <p>FIG. 4</p>
	<p>FIG. 4 shows the handle axis oriented at a substantially perpendicular angle relative to the pivot axis.</p>
<p>56. The reciprocating saw as claimed in claim 54, further comprising a locking assembly for locking the handle in a pivoted position relative to the body.</p>	<p>“[0025] Referring to FIGS. 3 through 6, in further embodiments, <i>a securing mechanism is included for locking or fixing the rotational position of the handle</i> in predefined orientations with respect to a coupled motor housing. . . .”</p> <p>“[0025] . . . For instance, <i>a pivoting latch 322 may engage a catch such as a recessed portion 324</i> included in the generally annular ribs 316 or the like. The latch 322 may have a generally T-shaped cross-section configured to engage with the generally perpendicular sidewalls forming the recess 324. . . .”</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>58. The reciprocating saw as claimed in claim 57, wherein the locking assembly includes a first recess and a second recess defined by the one of the body and the handle, and wherein the projection is selectively engageable in the first recess to lock the handle in a first pivoted position relative to the body and in the second recess to lock the handle in a second pivoted position relative to the body.</p>	<p>“[0026] ... For example, recesses, included in the connector ribs 416 are disposed to allow locking at approximately 0° (zero degrees), 90° (ninety degrees), 180° (one hundred eighty degrees) and effectively 270° (two hundred seventy degrees). ...”</p>  <p>The above excerpt from FIG. 3 shows the multiple recesses 324.</p>
<p>59. The reciprocating saw as claimed in claim 54, further comprising a switch assembly operable to electrically connect the motor to a power source, at least a portion of the switch assembly being supported on the handle for pivoting movement about the pivot axis with the handle.</p>	<p>“[0028] Referring to FIG. 4, in accordance with an additional embodiment, a reciprocating saw includes a switch mounted to the handle 420 for controlling the flow of electricity to the tool’s electrical system. ...”</p>
<p>60. The reciprocating saw as claimed in claim 59, further comprising a wiring arrangement electrically connecting the switch assembly to the motor and accommodating pivoting movement of the switch assembly with the handle about the pivot axis and relative to the motor.</p>	<p>“[0022] ... Preferably, the connector 314 includes an aperture for passing wiring to the handle 320. ...”</p> <p>“[0027] ... For example, a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270° to prevent crimping of the wires passing through the handle/connector interface. ...”</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>61. The reciprocating saw as claimed in claim 54, further comprising a grip portion provided by the body and engageable by an other hand of the operator, the grip portion being substantially parallel to the pivot axis.</p>	<p>“[0020] ... For example, a motor housing may have a generally cylindrical main body portion to allow a user to comfortably <i>grasp the motor housing barrel during operation.</i> ...”</p>  <p>FIG. 1</p> <p>FIG. 1 shows a grip portion provided by the body and engageable by an other hand of the operator, the grip portion being substantially parallel to the pivot axis.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>62. The reciprocating saw as claimed in claim 54, wherein a radial annular projection extends circumferentially around at least a portion of a circumference of one of the rearward end of the body and the handle, wherein another of the rearward end of the body and the handle define a radial annular groove extending circumferentially around at least a portion of a circumference of the other of the rearward end of the body and the handle, the annular projection being engaged with and travelling in the annular groove during pivoting movement of the handle about the pivot axis.</p>	<p>“[0023] ... For instance, a connector 314 may include a pair of generally <i>annular ribs 316</i> protruding outward from the periphery of the connector to allow rotation of the handle 320 about a main axis of the motor housing/connector. In another example, the ribs or protrusions may extend outward (about the outer surface of the motor housing) to permit rotation about a primary axis of the motor housing. ... In an advantageous embodiment, the handle 320 is formed by a pair of shell portions, with inward facing <i>ribs/grooves 318 for coupling with the connector ribs 316</i>, secured together. <i>The handle ribs 318 may therefore surround the outward extending connector ribs 316, permitting the handle to rotate</i> (See generally FIG. 2).”</p>  <p>The excerpt above from FIG. 3 shows the ribs and grooves for the pivotal connection.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>63. The reciprocating saw as claimed in claim 54, further comprising a pivot-limiting assembly for limiting pivoting movement of the handle relative to the body from a first pivoted position beyond a second pivoted position.</p>	<p>[0027] Referring to FIGS. 5 and 6, in further embodiments, <i>at least one stop</i> may be included to prevent full rotation of the handle, preventing damage to any wiring passing through the connector/handle interface. For example, <i>a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270°</i> to prevent crimping of the wires passing through the handle/connector interface. . .”</p>
<p>64. The reciprocating saw as claimed in claim 63, wherein the pivot-limiting assembly includes a first pivot-limiting member supported by one of the handle and the body and a second pivot-limiting member defined by another of the handle and the body, the first pivot-limiting member being engageable with the second pivot-limiting member to prevent movement of the handle relative to the body beyond the second pivoted position.</p>	<p>[0027] Referring to FIGS. 5 and 6, in further embodiments, at least one stop may be included to prevent full rotation of the handle, preventing damage to any wiring passing through the connector/handle interface. For example, <i>a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270°</i> to prevent crimping of the wires passing through the handle/connector interface. . .”</p>

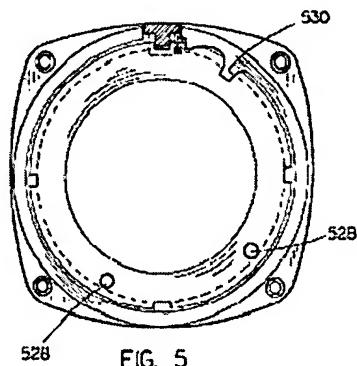
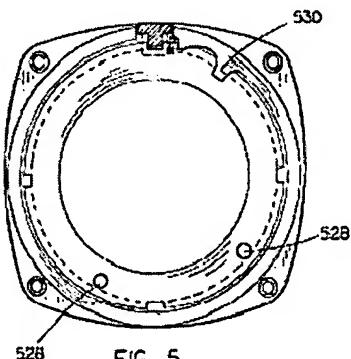
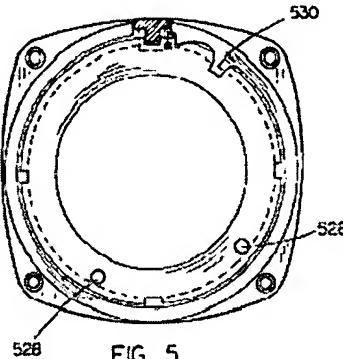
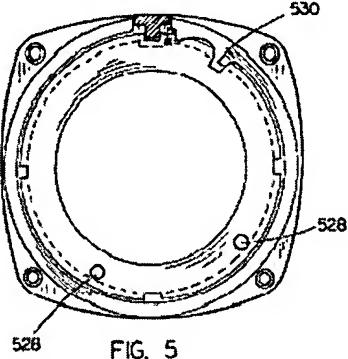
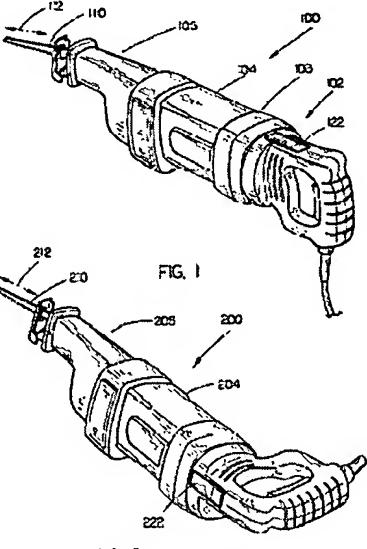


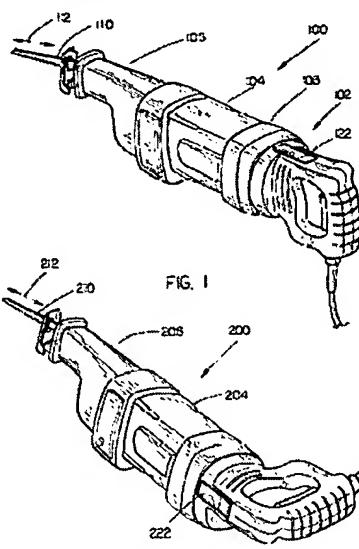
FIG. 5

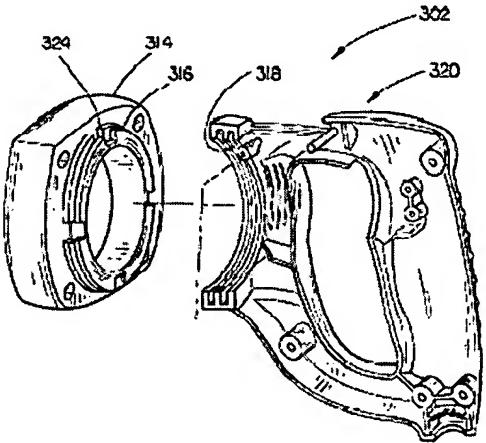
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>65. The reciprocating saw as claimed in claim 63, wherein the pivot-limiting assembly prevents pivoting movement of the handle relative to the body, in a first direction, from the first pivoted position beyond the second pivoted position and, in a second direction opposite to the first direction, from the first pivoted position beyond the second pivoted position.</p>	<p>[0027] Referring to FIGS. 5 and 6, in further embodiments, at least one stop may be included to prevent full rotation of the handle, preventing damage to any wiring passing through the connector/handle interface. For example, <i>a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270° to prevent crimping of the wires passing through the handle/connector interface. ...</i></p>
<p>66. The reciprocating saw as claimed in claim 65, wherein the first pivot-limiting member has a first surface engageable with the second pivot-limiting member during pivoting movement in the first direction and a second surface engageable with the second pivot-limiting member during pivoting movement in the second direction.</p>	<p>[0027] Referring to FIGS. 5 and 6, in further embodiments, at least one stop may be included to prevent full rotation of the handle, preventing damage to any wiring passing through the connector/handle interface. For example, <i>a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270° to prevent crimping of the wires passing through the handle/connector interface. ...</i></p>  <p>FIG. 5</p> <p>If only a single stop 528 is used, then stop 530 would contact stop 528 at a first side of stop 530 when rotated in a first direction, and stop 530 would contact stop 528 at a second side of stop 530 when rotated in a second direction.</p>

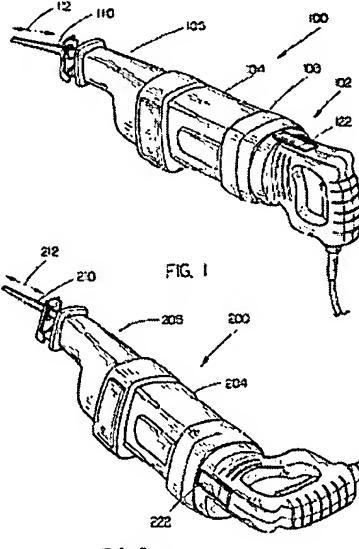
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>67. The reciprocating saw as claimed in claim 66, wherein the first pivot-limiting member is movable between a first limit position, in which the second pivoted position is defined by engagement of the first pivot-limiting member and the second pivot-limiting member, and a second limit position in which the second pivoted position is defined by engagement of the first pivot-limiting member and the second pivot-limiting member.</p>	<p>“[0027] Referring to FIGS. 5 and 6, in further embodiments, at least one stop may be included to prevent full rotation of the handle, preventing damage to any wiring passing through the connector/handle interface. For example, <i>a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270° to prevent crimping of the wires passing through the handle/connector interface. . .</i>”</p>  <p>FIG. 5</p> <p>If only a single stop 528 is used, then stop 530 would rotate in a first direction and contact stop 528 at a first limit position, and stop 530 would rotate in a second direction and contact stop 528 at a second limit position.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>68. The reciprocating saw as claimed in claim 67, wherein the first pivot-limit member is pivotable between the first limit position and the second limit position about an axis substantially parallel to the pivot axis.</p>	<p>[0027] Referring to FIGS. 5 and 6, in further embodiments, at least one stop may be included to prevent full rotation of the handle, preventing damage to any wiring passing through the connector/handle interface. For example, <i>a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270° to prevent crimping of the wires passing through the handle/connector interface. ...</i></p>  <p>FIG. 5</p>
<p>69. A reciprocating saw comprising:</p> <p>a reciprocatable spindle for supporting a saw blade for reciprocating sawing movement;</p>	<p>[0021] In the present embodiment, a linkage, for connecting a straight cutting blade 110 thereto, is disposed in the motor housing 104. A linkage may be formed as <i>a shaft extending from a linearly reciprocating assembly for driving a removable straight blade</i>. The linkage may be configured to linearly reciprocate substantially along the primary axis of the motor housing (as indicated by arrow 112). ...</p>

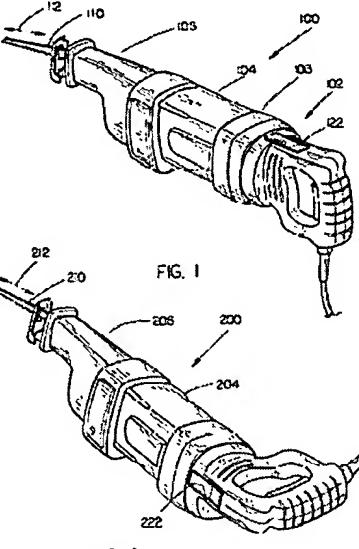
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
a body defining a longitudinal pivot axis and	<p>“[0023] ... For instance, a connector 314 may include a pair of generally annular ribs 316 protruding outward from the periphery of the connector to allow <i>rotation of the handle 320 about a main axis of the motor housing/connector.</i> ...”</p>  <p>FIGS. 1 and 2 demonstrate the longitudinal pivot axis.</p>
housing a motor and a drive mechanism driven by the motor, the drive mechanism selectively driving the spindle,	<p>“[0020] ... In the present aspect, the reciprocating saw 100 includes <i>a motor housing 104 for containing a motor.</i> ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, is <i>disposed in the motor housing 104</i>. A linkage may be formed as a shaft extending from <i>a linearly reciprocating assembly for driving a removable straight blade.</i> ...”</p>
the body having a forward end supporting the spindle and a rearward end; and	<p>“[0020] ... The motor housing 104 is formed with a first end 106 and a second end 108. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, is <i>disposed in the motor housing 104</i>.”</p>

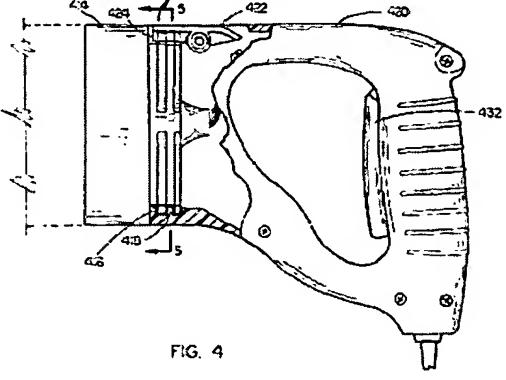
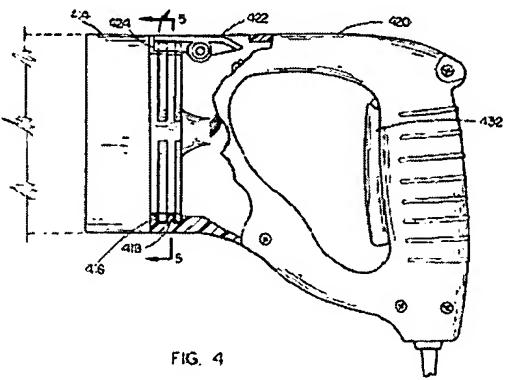
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>a grip engageable by a hand of an operator, the grip being connected to the rearward end of the body for pivoting movement relative to the body about the pivot axis;</p>	<p>“[0022] Referring now to FIG. 3, a rotating handle assembly 302 suitable for inclusion in a reciprocating saw is disclosed. In the present embodiment, a rotating handle assembly 302 includes a connector 314 which may be mounted via screws or the like to the second end 108 of a motor housing. (As may be seen in FIG. 1.) Alternatively, a second end of a motor housing may be configured with ribs for coupling with a handle directly.”</p>  <p>FIG. 1</p> <p>FIG. 2</p> <p>FIGS. 1 and 2 show a grip engageable by a hand of an operator and connected to the rearward end of the body for pivoting movement relative to the body about the pivot axis.</p>

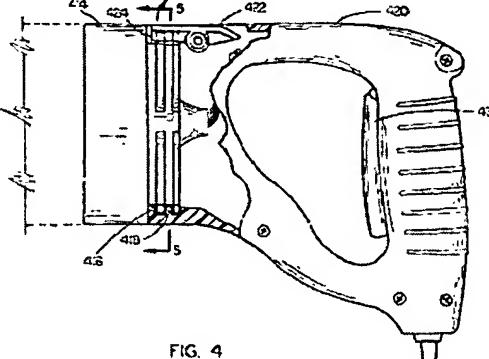
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>wherein a radial annular projection extends circumferentially around at least a portion of a circumference of one of the rearward end of the body and the grip, and wherein another of the rearward end of the body and the grip define a radial annular groove extending circumferentially around at least a portion of a circumference of the other of the rearward end of the body and the grip, the annular projection being in engaged with and travelling in annular groove during pivoting movement of the grip about the pivot axis.</p>	<p>“[0023] ... For instance, a connector 314 may include a pair of generally <i>annular ribs 316</i> protruding outward from the periphery of the connector to allow rotation of the handle 320 about a main axis of the motor housing/connector. In another example, the ribs or protrusions may extend outward (about the outer surface of the motor housing) to permit rotation about a primary axis of the motor housing. ... In an advantageous embodiment, the handle 320 is formed by a pair of shell portions, with inward facing <i>ribs/grooves 318 for coupling with the connector ribs 316</i>, secured together. <i>The handle ribs 318 may therefore surround the outward extending connector ribs 316, permitting the handle to rotate</i> (See generally FIG. 2).”</p>  <p>The excerpt above from FIG. 3 shows the ribs and grooves for the pivotal connection.</p>
<p>70. The reciprocating saw as claimed in claim 69, further comprising a locking assembly for locking the grip in a pivoted position relative to the body.</p>	<p>“[0025] Referring to FIGS. 3 through 6, in further embodiments, <i>a securing mechanism is included for locking or fixing the rotational position of the handle</i> in predefined orientations with respect to a coupled motor housing. ...”</p>
<p>71. The reciprocating saw as claimed in claim 69, wherein the grip is a D-shaped handle.</p>	<p>“[0024] Preferably, the handle is substantially <i>D-shaped</i>. ...”</p>

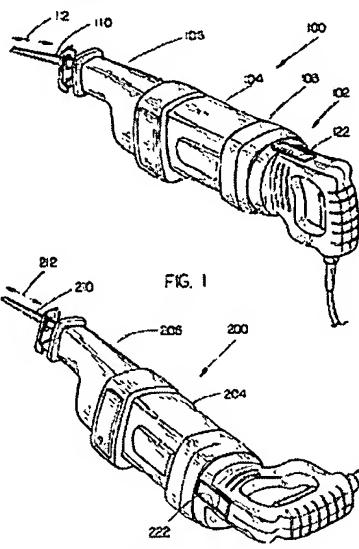
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>72. A reciprocating saw comprising:</p> <p>a reciprocatable spindle for supporting a saw blade for reciprocating sawing movement;</p>	<p>“[0021] In the present embodiment, a linkage, for connecting a straight cutting blade 110 thereto, is disposed in the motor housing 104. A linkage may be formed as <i>a shaft extending from a linearly reciprocating assembly for driving a removable straight blade</i>. The linkage may be configured to linearly reciprocate substantially along the primary axis of the motor housing (as indicated by arrow 112). ...”</p>
<p>a body defining a longitudinal pivot axis and</p>	<p>“[0023] ... For instance, a connector 314 may include a pair of generally annular ribs 316 protruding outward from the periphery of the connector to allow <i>rotation of the handle 320 about a main axis of the motor housing/connector</i>. ...”</p>  <p>FIGS. 1 and 2 demonstrate the longitudinal pivot axis.</p>

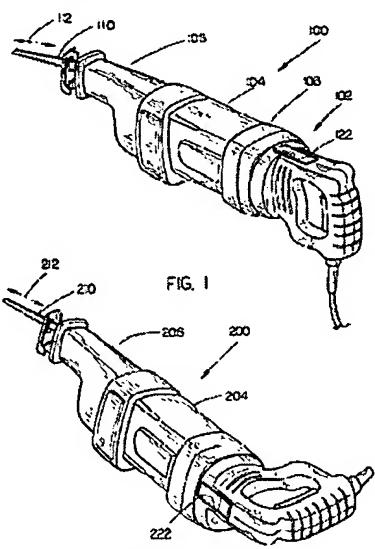
<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
housing a motor and a drive mechanism driven by the motor, the drive mechanism selectively driving the spindle,	<p>“[0020] ... In the present aspect, the reciprocating saw 100 includes <i>a motor housing 104 for containing a motor</i>. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>. A linkage may be formed as a shaft extending from <i>a linearly reciprocating assembly for driving a removable straight blade</i>. ...”</p>
the body having a forward end supporting the spindle and a rearward end; and	<p>“[0020] ... The motor housing 104 is formed with a first end 106 and a second end 108. ...”</p> <p>“[0021] In the present embodiment, <i>a linkage</i>, for connecting a straight cutting blade 110 thereto, <i>is disposed in the motor housing 104</i>.”</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>a grip engageable by a hand of an operator, the grip being connected to the rearward end of the body for pivoting movement relative to the body about the pivot axis.</p>	<p>“[0022] Referring now to FIG. 3, a rotating handle assembly 302 suitable for inclusion in a reciprocating saw is disclosed. In the present embodiment, a rotating handle assembly 302 includes a connector 314 which may be mounted via screws or the like to the second end 108 of a motor housing. (As may be seen in FIG. 1.) Alternatively, a second end of a motor housing may be configured with ribs for coupling with a handle directly. . . .”</p>  <p>FIG. 1</p> <p>FIG. 2</p> <p>FIGS. 1 and 2 show the grip engageable by a hand of an operator, the grip being connected to the rearward end of the body for pivoting movement relative to the body about the pivot axis.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>73. The reciprocating saw of claim 72, wherein the grip has a first end and a second end and defines a grip axis extending between the first end and the second end, and wherein the grip axis is oriented at a non-parallel angle relative to the pivot axis.</p>	 <p>FIG. 4</p> <p>FIG. 4 shows the grip axis oriented at a non-parallel angle relative to the pivot axis.</p>
<p>74. The reciprocating saw of claim 73, wherein the pivot axis and the grip axis define an angle of between thirty degrees and ninety degrees.</p>	 <p>FIG. 4</p> <p>FIG. 4 shows that the pivot axis and the grip axis define an angle of between thirty degrees and ninety degrees.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
75. The reciprocating saw of claim 73, wherein the grip axis is oriented at a substantially perpendicular angle relative to the pivot axis.	 <p>FIG. 4</p> <p>FIG. 4 shows the grip axis oriented at a substantially perpendicular angle relative to the pivot axis.</p>
76. The reciprocating saw as claimed in claim 72, further comprising a locking assembly for locking the grip in a pivoted position relative to the body.	<p>[0025] Referring to FIGS. 3 through 6, in further embodiments, <i>a securing mechanism is included for locking or fixing the rotational position of the handle</i> in predefined orientations with respect to a coupled motor housing. ...”</p>
77. The reciprocating saw as claimed in claim 72, wherein the grip is a D-shaped handle.	<p>[0024] Preferably, the handle is substantially <i>D-shaped</i>. ...”</p>
78. The power tool as claimed in claim 72, further comprising a switch assembly operable to electrically connect the motor to a power source, at least a portion of the switch assembly being supported on the grip for pivoting movement about the pivot axis with the grip.	<p>[0028] Referring to FIG. 4, in accordance with an additional embodiment, a reciprocating saw includes <i>a switch mounted to the handle</i> 420 for controlling the flow of electricity to the tool's electrical system. ...”</p>
79. The power tool as claims in claim 78, further comprising a wiring arrangement electrically connecting the switch assembly to the motor and accommodating pivoting movement of the switch assembly with the grip about the pivot axis and relative to the motor.	<p>[0022] ... Preferably, the connector 314 includes an aperture for passing <i>wiring</i> to the handle 320. ...”</p> <p>[0027] ... For example, a stop 528 on the connector and a stop 530 included on the handle may be configured to prevent handle rotation in the range of 180° through 270° to prevent crimping of the <i>wires</i> passing through the handle/connector interface. ...”</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>80. The power tool as claimed in claim 72, wherein the grip is connected to the rearward end of the body for pivoting movement relative to the motor about the pivot axis.</p>	<p>“[0022] Referring now to FIG. 3, a rotating handle assembly 302 suitable for inclusion in a reciprocating saw is disclosed. In the present embodiment, a rotating handle assembly 302 includes a connector 314 which may be mounted via screws or the like to the second end 108 of a motor housing. (As may be seen in FIG. 1.) Alternatively, a second end of a motor housing may be configured with ribs for coupling with a handle directly.”</p>  <p>FIG. 1</p> <p>FIG. 2</p> <p>FIGS. 1 and 2 shows the grip connected to the rearward end of the body for pivoting movement relative to the motor about the pivot axis.</p>

<u>CLAIM ELEMENT</u>	<u>SPECIFICATION SUPPORT</u>
<p>81. The power tool as claimed in claim 72, wherein the grip is connected to the rearward end of the body for pivoting movement relative to the drive mechanism about the pivot axis.</p>	<p>“[0022] Referring now to FIG. 3, a rotating handle assembly 302 suitable for inclusion in a reciprocating saw is disclosed. In the present embodiment, a rotating handle assembly 302 includes a connector 314 which may be mounted via screws or the like to the second end 108 of a motor housing. (As may be seen in FIG. 1.) Alternatively, a second end of a motor housing may be configured with ribs for coupling with a handle directly. . .”</p>  <p>FIG. 1</p> <p>FIG. 2</p> <p>FIGS. 1 and 2 shows the grip connected to the rearward end of the body for pivoting movement relative to the drive mechanism about the pivot axis.</p>